

## LAMP2a Rabbit mAb

Catalog No: #48611

Package Size: #48611-1 50ul #48611-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

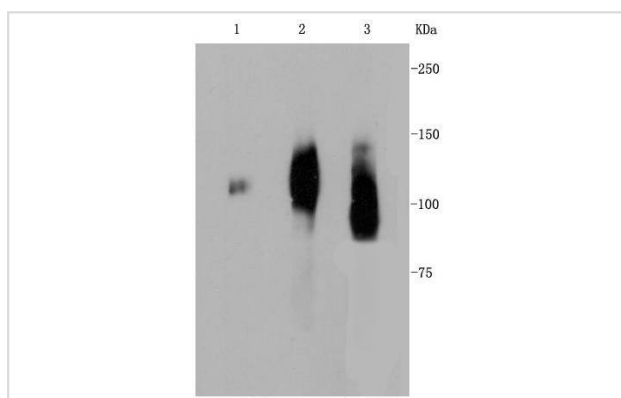
## Description

Product Name	LAMP2a Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SA46-01
Purification	ProA affinity purified
Applications	WB, IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	CD107 antigen-like family member B antibody CD107b antibody LAMP 2 antibody Lamp 2a antibody LAMP-2 antibody LAMP2 antibody LAMP2_HUMAN antibody Lysosome-associated membrane glycoprotein 2 antibody Lysosome-associated membrane protein 2 antibody
Accession No.	Swiss-Prot#:P13473
Uniprot	P13473
GeneID	3920;
Calculated MW	120 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

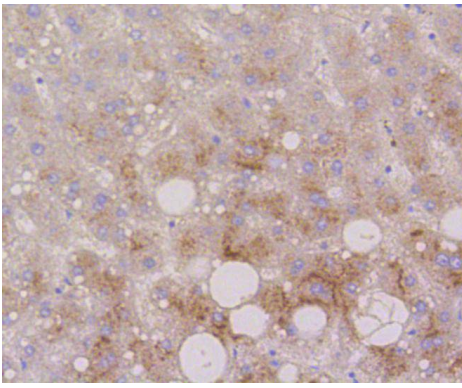
## Application Details

WB: 1:1,000-5,000 IHC: 1:50-1:200

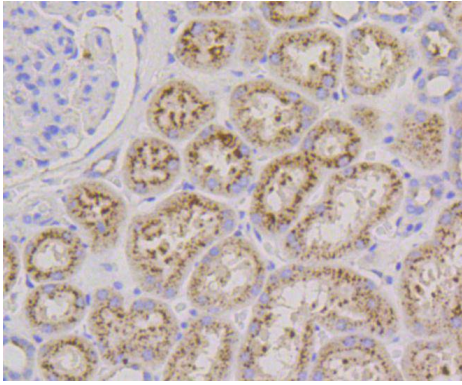
## Images



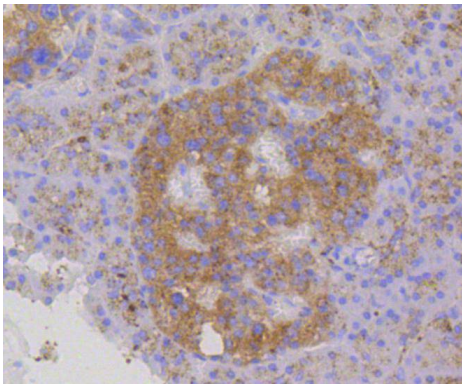
Western blot analysis of LAMP2a on different lysates using anti-LAMP2a antibody at 1/1,000 dilution. Positive control:  
Lane 1: Human placenta    Lane 2: JAR    Lane 3: Human liver



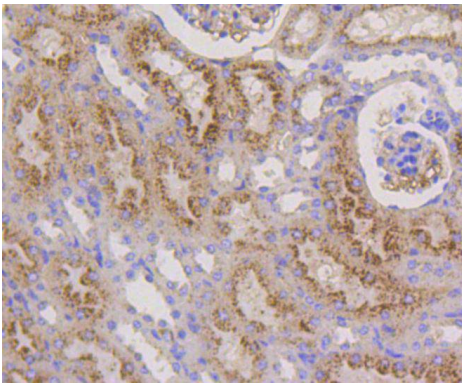
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-LAMP2a antibody. Counter stained with hematoxylin.



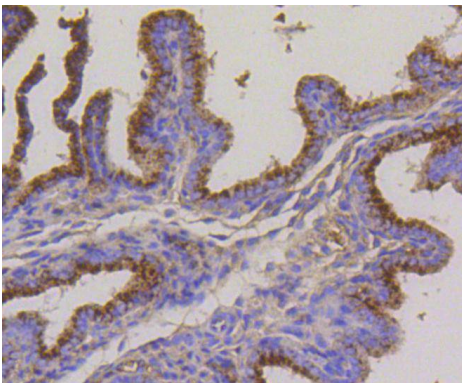
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-LAMP2a antibody. Counter stained with hematoxylin.



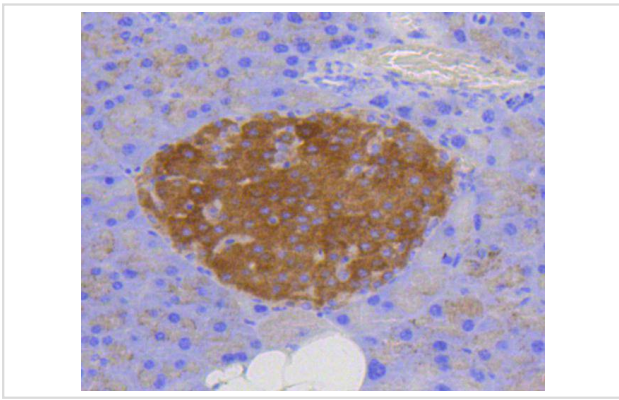
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-LAMP2a antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-LAMP2a antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-LAMP2a antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-LAMP2a antibody. Counter stained with hematoxylin.

## Background

Lysosome-associated membrane proteins (LAMP) are glycosylated type I membrane proteins that play a role in the biogenesis of the pigment melanin. LAMP-1 (also designated CD107A) and LAMP-2 (also designated CD107B) are involved in a variety of functions, including cellular adhesion, and are thought to participate in the process of tumor invasion and metastasis. Newly synthesized LAMP-1 and LAMP-2 proteins are sorted at the trans Golgi network and are transported intracellularly via a pathway that is distinct from the clathrin-coated vesicles used for the mannose-6 phosphate receptor. LAMP-1 is expressed on the surface of thrombin-activated but not resting platelets, and it is thought to be involved in the adhesive, prothrombic properties of these cells. Both LAMP-1 and LAMP-2 are involved in maintaining lysosome acidity and protecting the lysosomal membranes from autodigestion, and their expression is increased in patients with lysosomal storage disorders.

## References

Note: This product is for in vitro research use only